



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 12601772
SAU: MSAD 67
School: Mattanawcook Jr High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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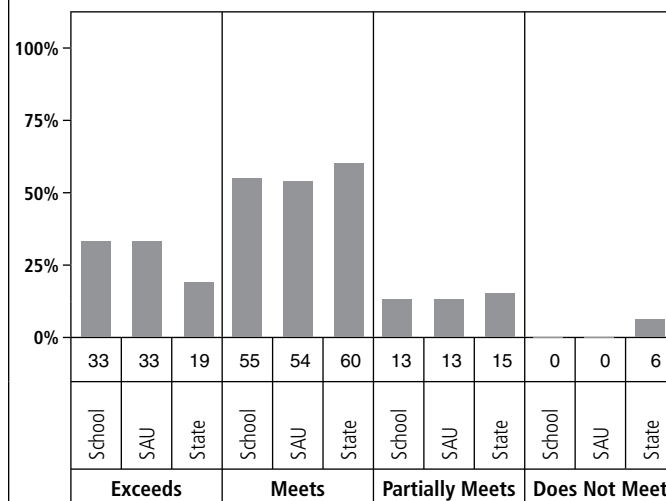
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

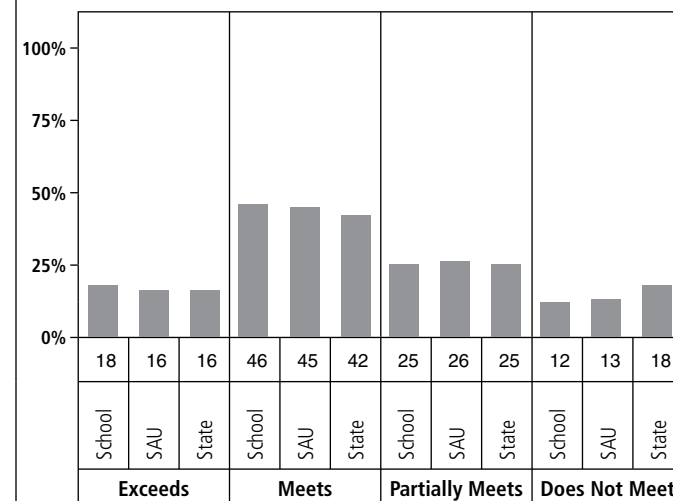
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	750 760 756 755	749 759 756 755	748 750 751 750
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	743 747 748 746	743 747 748 746	742 743 745 743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	90	100	85	100	14446	100	90	100	85	100	14316	99	90	100	85	100	14322	99						
Ethnicity African American/Black	1	1	1	1	432	3	1	100	1	100	416	97	1	100	1	100	421	98						
American Indian or Native Alaskan	1	1	1	1	124	1	1	100	1	100	121	98	1	100	1	100	122	99						
Asian or Pacific Islander	2	2	2	2	260	2	2	100	2	100	255	98	2	100	2	100	259	100						
Hispanic	1	1	1	1	147	1	1	100	1	100	144	99	1	100	1	100	144	99						
Caucasian/White	85	94	80	94	13483	93	85	100	80	100	13380	99	85	100	80	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	15	17	15	18	2428	17	15	100	15	100	2391	99	15	100	15	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	48	53	47	55	5498	38	48	100	47	100	5431	99	48	100	47	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	67	74	62	73	11742	81	67	74	62	73	11754	81						
Identified disability (PET/IEP)	0	0	0	0	367	3	0	0	0	0	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	1	1	1	2	183	2	1	1	1	2	187	2						
Participation with accommodations	21	23	21	25	2367	16	18	20	18	21	2366	16						
Identified disability (PET/IEP)	13	62	13	62	1819	77	10	56	10	56	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	2	10	2	10	84	4	2	11	2	11	80	3						
Other	6	29	6	29	358	15	6	33	6	33	346	15						
Participation through alternate assessment (PAAP)	2	2	2	2	205	1	5	6	5	6	202	1						
Identified disability (PET/IEP)	2	100	2	100	205	100	5	100	5	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	0	0	0	0	97	1	0	0	0	0	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	15	18	11	15	2630	18
	2007-2008	38	46	36	45	2604	18
	2008-2009	29	33	27	33	2618	19
	Cum. Total*	82	32	74	31	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	49	59	44	59	7605	51
	2007-2008	41	49	40	50	8049	55
	2008-2009	48	55	45	54	8484	60
	Cum. Total*	138	54	129	54	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	18	22	18	24	3000	20
	2007-2008	4	5	4	5	2672	18
	2008-2009	11	13	11	13	2108	15
	Cum. Total*	33	13	33	14	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	1	1	1	1	1620	11
	2007-2008	0	0	0	0	1190	8
	2008-2009	0	0	0	0	899	6
	Cum. Total*	1	0	1	0	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	37.8	67.5	37.6	67.1	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.3	66.5	13.3	66.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	24.5	68.1	24.3	67.5	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 67
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	88	29	33	48	55	11	13	0	0	756	83	33	54	13	0	756	14109	19	60	15	6	751
Ethnicity																						
African American/Black	1										1						409	11	49	22	18	744
American Indian or Native Alaskan	1										1						117	12	53	19	16	746
Asian or Pacific Islander	2										2						253	24	59	11	6	753
Hispanic	1										1						142	14	56	17	13	747
Caucasian/White	83	26	31	47	57	10	12	0	0	756	78	31	56	13	0	756	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	8	62	5	38	0	0	744	13	0	62	38	0	744	2186	2	36	35	27	737
No	75	29	39	40	53	6	8	0	0	759	70	39	53	9	0	758	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	88	29	33	48	55	11	13	0	0	756	83	33	54	13	0	756	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	46	13	28	24	52	9	20	0	0	753	45	29	51	20	0	753	5300	8	58	22	11	746
No	42	16	38	24	57	2	5	0	0	760	38	37	58	5	0	760	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	88	29	33	48	55	11	13	0	0	756	83	33	54	13	0	756	14101	19	60	15	6	751
Gender																						
Female	43	15	35	25	58	3	7	0	0	759	42	36	57	7	0	759	6993	24	61	11	4	754
Male	45	14	31	23	51	8	18	0	0	754	41	29	51	20	0	753	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	4	17	15	65	4	17	0	0	751	22	18	64	18	0	750	1025	10	53	27	11	745
No	65	25	38	33	51	7	11	0	0	758	61	38	51	11	0	758	13084	19	61	14	6	752
Gifted/talented program																						
Yes	1										1						676	66	33	1	0	766
No	87	28	32	48	55	11	13	0	0	756	82	32	55	13	0	756	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	4	44	4	44	1	11	0	0	756	10	50	38	13	0	757	7	8	48	25	19	743
B. less than one hour	63	17	31	31	57	6	11	0	0	757	62	30	58	12	0	756	52	17	62	15	6	751
C. one to two hours	23	7	35	12	60	1	5	0	0	759	25	35	60	5	0	759	37	23	61	12	4	753
D. more than two hours	3	1	33	1	33	1	33	0	0	750	4	33	33	33	0	750	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	24	11	52	7	33	3	14	0	0	759	26	52	33	14	0	759	30	33	56	7	4	756
B. good	53	14	30	29	63	3	7	0	0	758	51	29	63	7	0	758	49	16	64	14	5	751
C. fair	21	4	22	11	61	3	17	0	0	751	22	22	61	17	0	751	19	5	59	26	10	745
D. poor	1	0	0	1	100	0	0	0	0	744	1	0	100	0	0	744	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	65	22	39	29	52	5	9	0	0	758	64	38	52	10	0	757	33	24	62	10	3	754
B. They match some of what I have learned.	24	6	29	13	62	2	10	0	0	758	26	29	62	10	0	758	52	18	62	15	5	751
C. They match just a little of what I have learned.	6	1	20	4	80	0	0	0	0	752	6	20	80	0	0	752	11	11	54	23	13	746
D. There is no match.	5	0	0	2	50	2	50	0	0	745	4	0	33	67	0	739	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	23	3	15	13	65	4	20	0	0	752	21	18	59	24	0	752	17	16	55	18	12	748
B. about the same as my regular schoolwork	66	22	39	30	53	5	9	0	0	758	68	36	55	9	0	757	65	19	62	14	5	752
C. easier than my regular schoolwork	10	4	44	5	56	0	0	0	0	762	11	44	56	0	0	762	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	12	0	0	7	70	3	30	0	0	747	11	0	67	33	0	745	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	58	16	32	30	60	4	8	0	0	757	60	33	59	8	0	757	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	30	13	50	11	42	2	8	0	0	760	28	48	43	9	0	760	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	11	27	23	56	7	17	0	0	754	49	26	56	18	0	753	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	46	16	41	23	59	0	0	0	0	761	47	41	59	0	0	760	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	25	2	50	1	25	0	0	756	4	33	33	33	0	754	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	17	7	47	7	47	1	7	0	0	761	19	47	47	7	0	761	21	27	57	11	5	755
B. 20 minutes to an hour	65	17	30	33	59	6	11	0	0	756	65	28	60	11	0	755	45	22	62	12	4	753
C. less than 20 minutes	9	1	13	6	75	1	13	0	0	754	7	17	67	17	0	754	13	13	61	17	8	749
D. I rarely read at home.	8	4	57	2	29	1	14	0	0	759	9	57	29	14	0	759	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	1	100	0	0	740	100	0	0	100	0	740						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	7	8	6	8	2142	14
	2007-2008	13	16	13	16	2028	14
	2008-2009	15	18	13	16	2220	16
	Cum. Total*	35	14	32	14	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	40	48	35	47	5642	38
	2007-2008	42	51	39	49	5703	39
	2008-2009	39	46	36	45	5879	42
	Cum. Total*	121	48	110	47	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	27	33	24	32	4077	27
	2007-2008	18	22	18	23	3733	26
	2008-2009	21	25	21	26	3537	25
	Cum. Total*	66	26	63	27	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	9	11	9	12	3001	20
	2007-2008	10	12	10	13	3054	21
	2008-2009	10	12	10	13	2484	18
	Cum. Total*	29	12	29	12	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	31.9	57.0	31.5	56.3	29.9	53.4
A. Number	14	25	7.4	52.9	7.3	52.1	7.7	55.0
B. Data	16	29	8.7	54.4	8.5	53.1	8.1	50.6
C. Geometry	12	21	7.7	64.2	7.6	63.3	6.9	57.5
D. Algebra	14	25	8.1	57.9	8.1	57.9	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 67
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	85	15	18	39	46	21	25	10	12	748	80	16	45	26	13	748	14120	16	42	25	18	745
Ethnicity																						
African American/Black	1										1						416	5	26	28	41	733
American Indian or Native Alaskan	1										1						119	8	30	31	30	737
Asian or Pacific Islander	2										2						258	25	43	19	13	750
Hispanic	1										1						142	8	39	23	30	739
Caucasian/White	80	14	18	36	45	21	26	9	11	748	75	16	44	28	12	747	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	2	20	2	20	6	60	734	10	0	20	20	60	734	2189	2	17	27	53	728
No	75	15	20	37	49	19	25	4	5	750	70	19	49	27	6	749	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	85	15	18	39	46	21	25	10	12	748	80	16	45	26	13	748	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	44	6	14	16	36	12	27	10	23	743	43	14	35	28	23	743	5308	7	35	30	28	738
No	41	9	22	23	56	9	22	0	0	753	37	19	57	24	0	752	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	85	15	18	39	46	21	25	10	12	748	80	16	45	26	13	748	14112	16	42	25	18	745
Gender																						
Female	41	8	20	17	41	14	34	2	5	749	40	20	40	35	5	749	6992	16	43	25	16	745
Male	44	7	16	22	50	7	16	8	18	747	40	13	50	18	20	746	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	1	4	6	26	14	61	2	9	740	22	5	23	64	9	739	1024	7	26	36	31	736
No	62	14	23	33	53	7	11	8	13	751	58	21	53	12	14	751	13096	16	43	24	17	745
Gifted/talented program																						
Yes	1										1						676	68	29	2	0	767
No	84	15	18	38	45	21	25	10	12	748	79	16	44	27	13	748	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	2	22	4	44	2	22	1	11	751	10	25	38	25	13	752	7	6	30	28	36	735
B. less than one hour	62	9	17	24	45	14	26	6	11	748	61	14	45	29	12	747	52	16	42	25	17	745
C. one to two hours	24	4	20	9	45	5	25	2	10	749	25	20	45	25	10	749	37	18	44	24	14	747
D. more than two hours	4	0	0	2	67	0	0	1	33	741	4	0	67	0	33	741	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	27	8	35	11	48	3	13	1	4	755	28	32	50	14	5	755	26	35	43	12	9	754
B. good	49	5	12	23	55	13	31	1	2	749	51	12	54	32	2	749	46	13	48	25	15	745
C. fair	16	0	0	5	36	4	29	5	36	737	15	0	25	33	42	736	23	3	32	37	27	737
D. poor	7	2	33	0	0	1	17	3	50	740	6	20	0	20	60	732	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	44	9	24	18	49	9	24	1	3	752	44	26	46	26	3	752	26	23	43	20	13	749
B. They match some of what I have learned.	41	4	11	18	51	7	20	6	17	747	43	9	53	21	18	746	53	15	45	26	15	746
C. They match just a little of what I have learned.	12	1	10	3	30	4	40	2	20	740	11	11	22	44	22	740	17	9	35	32	24	740
D. There is no match.	4	1	33	0	0	1	33	1	33	743	3	0	0	50	50	724	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	22	2	11	8	42	5	26	4	21	744	21	6	41	29	24	741	37	8	40	29	23	740
B. about the same as my regular schoolwork	67	10	18	27	47	15	26	5	9	749	68	17	46	28	9	748	51	16	44	25	15	746
C. easier than my regular schoolwork	11	3	33	4	44	1	11	1	11	754	11	33	44	11	11	754	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	3	8	22	56	10	26	4	10	746	45	8	53	28	11	746	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	51	11	26	17	40	10	23	5	12	750	53	24	40	24	12	750	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	4	1	33	0	0	1	33	1	33	749	3	0	0	50	50	733	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	0	0	1	14	4	57	2	29	737	9	0	14	57	29	737	8	8	30	29	33	737
B. 30–45 minutes	19	1	6	7	44	5	31	3	19	745	20	6	44	31	19	745	38	13	40	27	20	743
C. 45–60 minutes	67	13	23	28	49	12	21	4	7	750	65	21	48	23	8	750	42	20	45	23	12	748
D. more than 60 minutes	6	1	20	3	60	0	0	1	20	749	6	20	60	0	20	749	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	82	13	19	29	41	20	29	8	11	748	81	17	40	31	12	747	15	19	38	25	19	745
B. two or three days a week	14	2	17	9	75	1	8	0	0	753	15	17	75	8	0	753	31	18	42	24	16	746
C. two or three times a month	1	0	0	0	0	0	0	1	100	724	1	0	0	0	100	724	26	17	43	24	17	746
D. never or almost never	2	0	0	1	50	0	0	1	50	729	3	0	50	0	50	729	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	5	2	50	0	0	1	25	1	25	751	5	50	0	25	25	751	10	12	39	24	24	741
B. two or three days a week	9	1	13	2	25	3	38	2	25	738	10	13	25	38	25	738	22	13	43	26	18	744
C. two or three times each month	45	9	24	17	45	9	24	3	8	751	44	23	43	26	9	750	33	18	44	25	13	747
D. never or almost never	41	3	9	20	57	8	23	4	11	747	41	6	58	24	12	746	35	16	40	25	19	744
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	0	0	1	100	724	100	0	0	0	100	724						

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